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ABSTRACT

A pulse generating apparatus has two like output channels that apply generated pulse

signals of selected characteristics to two electrodes attached to a strap, each electrode

receiving a different signal. The strap is attached to the foot so that the electrodes are

positioned to stimulate with an electrical signal the abductor hallucis muscle of the foot to

correct an imbalance due to overpowering by the adductor hallucis muscle. The signal

strengthens the abductor hallucis muscle so that eventually it regains strength sufficient to

counter balance the imbalance effect of the stronger adductor hallucis muscle and alleviate

the bunion condition. The electrical signal generator generates signals that are pulses that are

adjustable in frequency, modulation, pulse width and amplitude with modified square waves.

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